

Timeout	APR_SO_NONBLOCK	Unix	Windows
-1	OFF	APR_EINPROGRESS [1]	wait
0	OFF	APR_EINPROGRESS	APR_EINPROGRESS
2000	OFF	wait	wait
-1	ON	APR_EINPROGRESS	wait
0	ON	APR_EINPROGRESS	APR_EINPROGRESS
2000	ON	wait	wait

Timeout			Timeout		APR_SO_NONBLOCK	
	APR_SO_NONBLOCK	apr_socket_timeout_set(VALUE)	Unix	Windows	Unix	Windows [2]
-1	OFF	0	0	0	ON	ON
-1	OFF	2000	2000	2000	ON	OFF
0	OFF	-1	-1	-1	OFF	OFF
0	OFF	2000	2000	2000	ON	OFF
2000	OFF	-1	-1	-1	OFF	OFF
2000	OFF	0	0	0	ON	ON
-1	ON	0	0	0	ON	ON
-1	ON	2000	2000	2000	ON	OFF
0	ON	-1	-1	-1	OFF	OFF
0	ON	2000	2000	2000	ON	OFF
2000	ON	-1	-1	-1	OFF	OFF
2000	ON	0	0	0	ON	ON

[1] Actually cannot happen because only non-blocking may return EWOULDBLOCK/EINPROGRESS

[2] APR win32 code updates OS socket option, but doesn't update value sock->options in some cases.